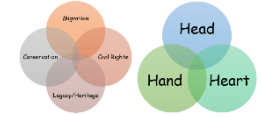




Year 2 – Autumn 2 – Science – Pupil Knowledge Organiser



What do I already know?	What am I learning now?																					
<ul style="list-style-type: none"> All living things do seven main processes (MRS GREN). Living things can be sorted or grouped based on things they have in common. Living things, including humans, need food, water, oxygen, and shelter to survive. Animals are categorised as herbivores (only eat plants), carnivores (only eat meat) or omnivores (can eat both plants and meat). 	<ol style="list-style-type: none"> What is a habitat? How do animals and plants differ in various habitats? What are microhabitats, and where can we find them? How do animals get food from their habitat? Can we identify different plants and animals in our local environment? What happens when something changes in a habitat? 																					
Key Knowledge: Living Things and Their Habitats	Key Skills: Working Scientifically	Key Vocabulary																				
<div data-bbox="235 571 470 790" data-label="Image"> </div> <p data-bbox="645 592 1081 683">Animals get food by finding and eating plants, other animals, or both from their habitat.</p> <div data-bbox="645 719 1081 826" data-label="Diagram"> </div> <p data-bbox="629 871 1099 930">A simple food chain shows how animals are connected by what they eat.</p> <div data-bbox="640 965 1086 1093" data-label="Image"> </div> <div data-bbox="629 1129 846 1289" data-label="Text"> <p>Some animals hunt or forage for food, while others rely on scavenging or grazing.</p> </div> <div data-bbox="880 1129 1099 1289" data-label="Text"> <p>Predators use hunting strategies, like stalking, chasing, or ambushing their prey.</p> </div> <p data-bbox="118 815 589 874">Different animals and plants need different homes to survive.</p> <p data-bbox="118 914 589 1005">Different habitats have different animals and plants which are better suited to living there.</p> <p data-bbox="118 1045 589 1104">Changes in a habitat can affect the plants and animals living there.</p> <div data-bbox="264 1136 436 1289" data-label="Image"> </div> <p data-bbox="118 1310 589 1369">Microhabitats are tiny places where some plants and animals live.</p> <p data-bbox="118 1409 589 1468">Microhabitats include under stones, logs, leaf litter, and tree bark.</p>	<div data-bbox="1153 662 1265 774" data-label="Image"> </div> <p data-bbox="1137 778 1288 805">Ask Questions</p> <div data-bbox="1169 837 1254 949" data-label="Image"> </div> <p data-bbox="1169 960 1254 987">Enquiry</p> <div data-bbox="1169 1021 1254 1133" data-label="Image"> </div> <p data-bbox="1169 1144 1254 1171">Observe</p> <div data-bbox="1153 1204 1265 1316" data-label="Image"> </div> <p data-bbox="1169 1327 1254 1386">Record/ Present</p> <div data-bbox="1332 766 1456 877" data-label="Image"> </div> <p data-bbox="1332 888 1456 916">Conclusions</p> <div data-bbox="1332 949 1456 1061" data-label="Image"> </div> <p data-bbox="1332 1072 1456 1099">Evaluation</p> <div data-bbox="1332 1125 1456 1236" data-label="Image"> </div> <p data-bbox="1332 1248 1456 1275">Communicate</p>	<table border="1"> <tr> <td data-bbox="1494 555 1675 630">habitat</td> <td data-bbox="1675 555 2136 630">Where an animal or plant lives and gets food.</td> </tr> <tr> <td data-bbox="1494 630 1675 705">animal</td> <td data-bbox="1675 630 2136 705">A living creature that can move and has senses.</td> </tr> <tr> <td data-bbox="1494 705 1675 780">plant</td> <td data-bbox="1675 705 2136 780">A living thing that has roots, stems, leaves, and makes its own food.</td> </tr> <tr> <td data-bbox="1494 780 1675 855">microhabitat</td> <td data-bbox="1675 780 2136 855">A small, special habitat where certain plants and animals live.</td> </tr> <tr> <td data-bbox="1494 855 1675 930">food chain</td> <td data-bbox="1675 855 2136 930">A sequence of what eats what in a habitat.</td> </tr> <tr> <td data-bbox="1494 930 1675 1005">predator</td> <td data-bbox="1675 930 2136 1005">An animal that hunts and eats other animals.</td> </tr> <tr> <td data-bbox="1494 1005 1675 1080">prey</td> <td data-bbox="1675 1005 2136 1080">An animal that is hunted and eaten by other animals.</td> </tr> <tr> <td data-bbox="1494 1080 1675 1155">pollination</td> <td data-bbox="1675 1080 2136 1155">Pollen moves from one flower to another, allowing seeds to grow.</td> </tr> <tr> <td data-bbox="1494 1155 1675 1230">pollen</td> <td data-bbox="1675 1155 2136 1230">The fine, yellow powder made by a flowering plant.</td> </tr> <tr> <td data-bbox="1494 1230 1675 1469">conservation</td> <td data-bbox="1675 1230 2136 1469">Protecting habitats, plants, and animals from harm.</td> </tr> </table>	habitat	Where an animal or plant lives and gets food.	animal	A living creature that can move and has senses.	plant	A living thing that has roots, stems, leaves, and makes its own food.	microhabitat	A small, special habitat where certain plants and animals live.	food chain	A sequence of what eats what in a habitat.	predator	An animal that hunts and eats other animals.	prey	An animal that is hunted and eaten by other animals.	pollination	Pollen moves from one flower to another, allowing seeds to grow.	pollen	The fine, yellow powder made by a flowering plant.	conservation	Protecting habitats, plants, and animals from harm.
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